



User's Manual

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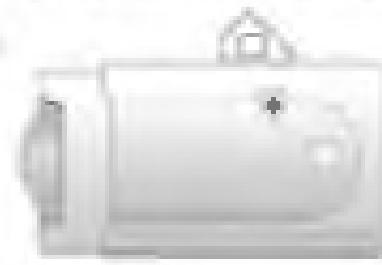
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Chapter 1 ➤

Welcome to the Mini Capture

Thank you for purchasing the Mini Capture digital camera. The Mini Capture takes high quality digital images in a convenient, easy-to-carry size to ensure that you'll always be ready to take pictures at any moment. We hope you'll enjoy using the camera with family and friends everywhere. Before you start to use your camera, please refer to this User's Guide to become familiar with the features and functions of the Mini Capture digital camera.



● 1.2 Minimum System Requirements

PC Requirements

- 300 MHz Intel® Pentium® II,
AMD® K-6 or higher
- 200 MB free hard disk space
- 32 MB RAM or better
- Available USB Port
- Display adapter with screen
resolution at least 800x600 in
24-bit color
- 4x CD-ROM drive or better
- Microsoft® Windows® 98SE/
Me/2000/XP

Mac Requirements

- Power Macintosh®, 266 MHz or later
- 6MB free hard disk space
- 8MB RAM or better
- Available USB port
- 256-color display adaptor
- 4x CD-ROM drive or better
- Macintosh® OS 9.2 or later
- QuickTime™ 4.0 or later

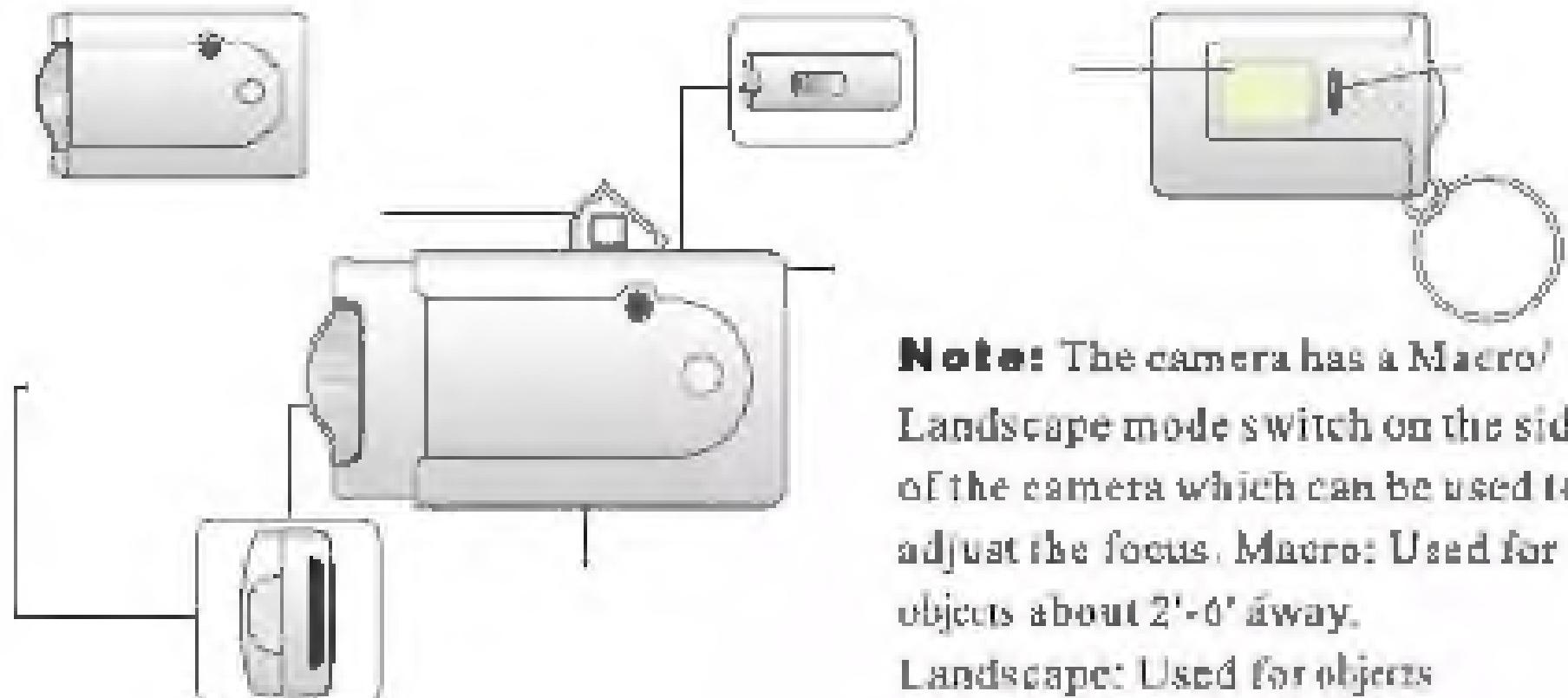
◆ 1.1 Mini Capture Digital Camera Package Contents

Before using the camera, please check to ensure that all the items have been included in your package:

- 1 - Mini Capture Camera
- 1 - USB 1.1 Cable
- 1 - AAA Alkaline Battery
- 1 - Quick Start Guide
- 1 - Mini Capture Camera CD-ROM (containing Camera Driver & user's manual)

Important! If any of the package contents listed above are missing, please contact the retailer where you purchased the product to exchange the package.

1.3 A Quick Look at the Mini Capture



Note: The camera has a Macro/Landscape mode switch on the side of the camera which can be used to adjust the focus. Macro: Used for objects about 2'-0' away. Landscape: Used for objects greater than 6' away.

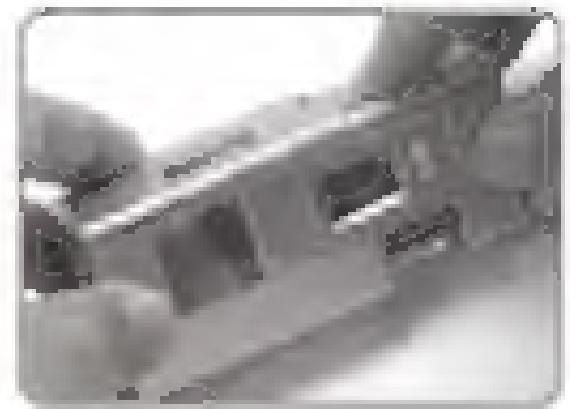
Chapter 2

Getting Started



◆ 2.1 Battery Installation

1. Hold down the viewfinder on the top of the camera and slide the camera cover off.
2. Insert a single AAA battery inside the battery compartment. Make sure that you insert the battery with the correct orientation as indicated by the markings inside the battery compartment.
3. Hold down the viewfinder and slide the camera cover back to insert the camera into its cover.



Important! When using only the camera's internal memory, make sure to always have enough battery power since the camera utilizes SDRAM, which is volatile memory. If there is not enough power or the battery is removed for longer than 3 minutes, the pictures will be lost from the camera. Make sure to always download your pictures as soon as possible or replace the battery with a new one after you have downloaded the pictures if the batteries are low.

WARNING!

The camera must be power off before taking out the battery. Otherwise all data in the camera will be lost.

2.2 Turning the Power On/Off

- 1 Side the camera cover open
- 2 The viewfinder will pop up from the top of the camera
- 3 To turn the camera on: Press and hold the Mode button for three seconds. The LCD status display will turn on.
- 4 To turn the camera off: Press and hold the Mode button for three seconds. The LCD status display will turn off.



● 2.3 Taking a Picture

Before you take a picture or record a video make sure that the camera cover is extended and there are no obstructions covering the front of the camera lens.

To take pictures with your camera, make sure the camera is powered up and the camera is in the camera mode, i.e. Picture taking mode. If you want to take pictures video mode if you want to record a video.

Frame your subject through the viewfinder and press the Shutter button to take a picture.

When you snap a picture, your camera takes about one second to process and will beep once when the process is completed. The picture counter on the LCD screen will increase by 1. If taking pictures in Burst mode, the picture counter on the LCD screen will increase by 3.

When saving a picture or a video clip with an SD memory card installed, the LCD will indicate the camera is saving the picture or video by displaying a bar, followed by a percentage of the total of parts in.

● 2.4 Recording a Video

Make sure the video clip mode "REC" is visible on the LCD screen before you record a video. To switch to Video Clip mode, please refer to the Camera Settings section.

Press the Shutter button to start recording a video and press the Shutter button again to stop recording. The Mini Capture can record individual video clips up to a maximum of 24 minutes per

● 2.5 Inserting & Removing an SD Memory Card (Not included)

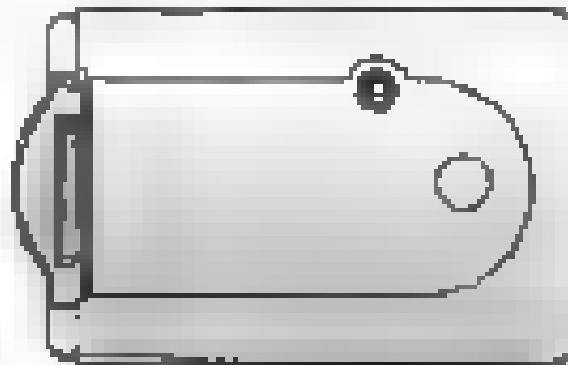
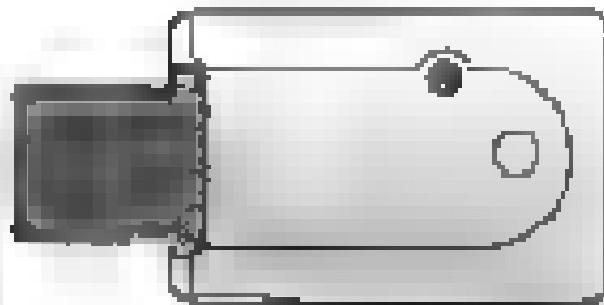
To insert: Slide the SD memory card into the SD slot until the memory card clicks into position. The SD memory card can only fit in one way. Do not force the memory card into the SD slot. If you cannot insert the SD memory card make sure you have the SD memory card properly oriented and then try inserting again.

To remove: Push the SD memory card into the camera until you hear a click and then pull the SD card out from the slot.

Caution! When the SD card is saving or transferring data, never perform the following actions:

- Removing the SD memory card
- Turning off the camera power
- Subjecting the camera to strong vibration or shock

Caution! Pull the card out and plug SD card out under power off.



2.6 SD Memory Card Storage Capacity

The Mini Capture can utilize removable Secure Digital SD memory cards, now including up to 128MB capacity. The use of a higher capacity SD memory card allows you to store more pictures.

An SD memory card is not included with the camera. You can purchase SD memory cards at a local computer or electronics store.

Picture Capacity

Table of Approximate Picture Capacity (# of JPEG)*			
Secure Digital Card Capacity (MB)	High Resolution Mode 600x 2000	Normal Resolution Mode 1280x 960	Low Resolution Mode 640x 480
Up to and including 4MB	8	24	74

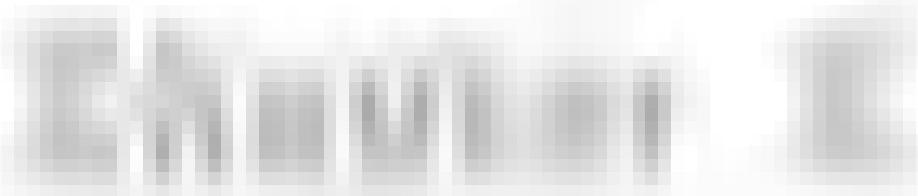
* Picture capacities are approximate and are scene dependent. Less complex scenes will allow more pictures to be taken with the camera.

Video Capacity

The Mini Capture can record and view video clips, MPEG up to a maximum of 24MBs in size. For example, if you have inserted a 32MB SD memory card, you will be able to record up to thirteen 24MB video clips.

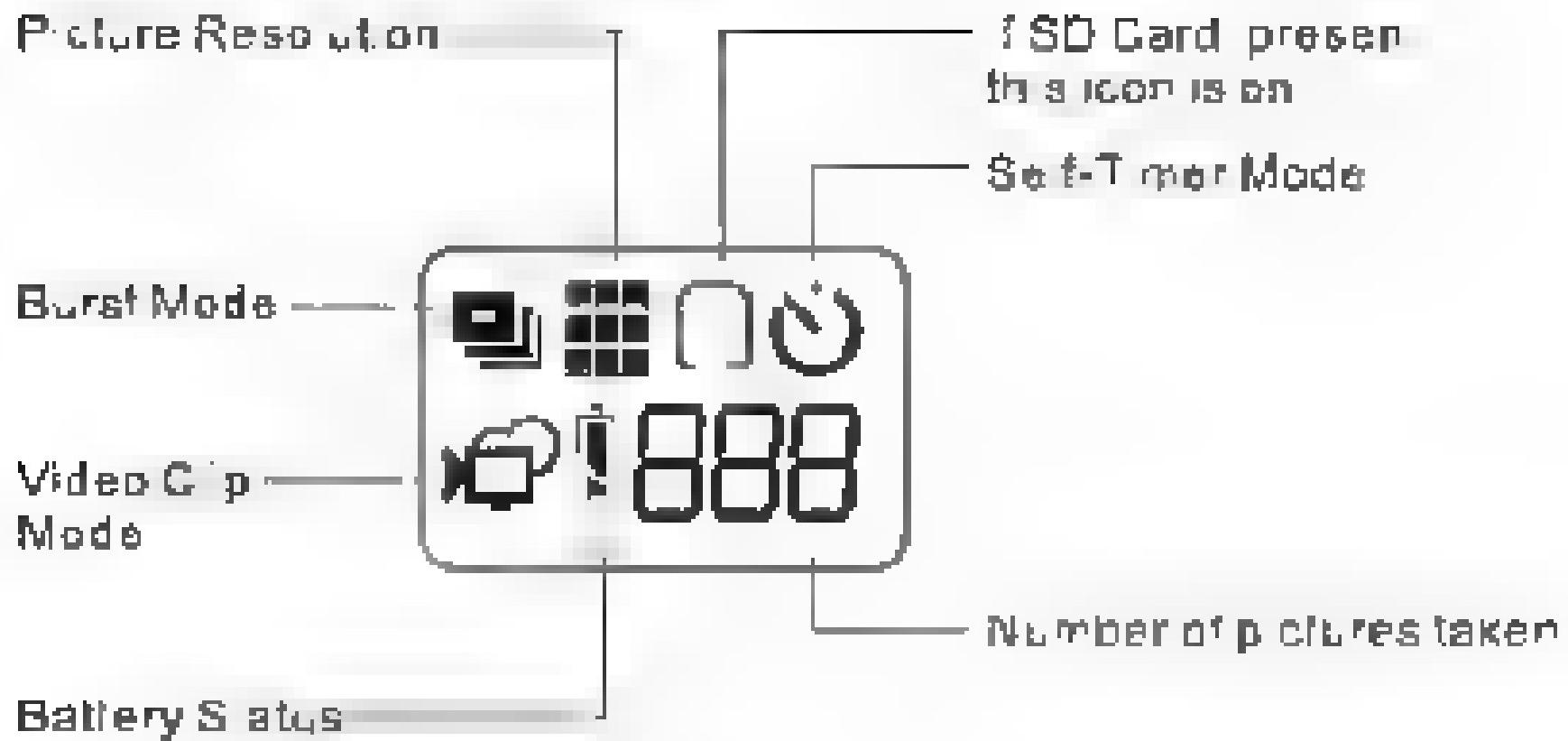
◆ 2.7 PC CAMERA

After confirming has set up the driver successfully press the shutter button connecting the computer with USB cable releasing the shutter button after the machine sends a indicating sound "beep". When entering web camera mode the camera can use as web camera uses.



Camera Settings & Features

● 3.1 Status Display



◆ 3.2 Camera Settings

To change the camera mode press the Mode button. Each press of the Mode button will cycle to a different mode indicated by a blinking icon. Each press of the Mode button changes the mode according to this sequence:



1. Resolutions



Low Resolution (640x480)

Good for sending pictures on a webpage



High Resolution (1600x1200)

Good for printing pictures up to 5" x 7"



Normal (1280x1024)

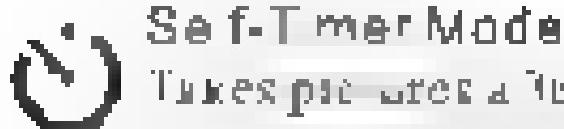
Default setting. Good for printing pictures up to 4" x 6"



Video Clip Mode

Can record short video clips at 320x240 resolution

2. Self-Timer



Self-Timer Mode

Takes pictures after a 10-second delay.

If the Self-Timer mode is selected, a 10-second countdown will begin when you press the Shutter button to take a picture. You will hear the camera beep continuously until the picture is taken.

3. Burst Mode



Burst Mode

Shoots three continuous pictures while the shutter button is pressed down. Burst mode only works in Low resolution. If you attempt to set the Burst mode with the High resolution setting, it will automatically take the picture in Normal resolution.

4. Delete Mode

Delete the last captured picture or video

Deletes the last captured picture or video taken with the camera

To delete the last captured picture or recorded video, change the mode on the camera until you see "DEL" appear on the LCD status display. Press the Shutter button while "DEL" is being to delete the last picture or video that was captured.

5. Format Mode

[SD] SD Card inserted

Appears when an SD memory card is in the camera.

[F] Format SD Card

Appears when an SD memory card is in the camera and is to be formatted.

[F] Format On Board Memory

Appears when using the On Board memory and in the Format mode.

If an SD Card is inserted in the camera, " [SD]" appears in the setting mode and all your pictures and videos will be saved to the SD Card. If no SD card is inserted in the camera, pictures and videos will be saved to the camera's internal On Board Memory.

Warning: If the current selected mode blocks for three seconds and you do not press any buttons the camera will automatically revert back to the previous mode settings.

6. Battery Indicator

[I] Battery Full

The battery is full and the camera can be used.

[L] Battery Low

The battery is low and needs to be replaced soon.

◆ 3.3 Deleting Images

You can delete the last picture or video taken with the camera or format the memory to delete all the images from the camera once.

To delete the last picture or video

- 1 Keep pressing the Mode button until it cycles to the "Delete mode" indicated by "DEL".
- 2 Press the Shutter button to delete the last image or video taken with the camera.
The last picture will be deleted from the camera's memory or SD memory card (an SD memory card is inserted in the camera).
- 3 If you do not want to delete the last picture or video, press the Mode button again which will cancel this operation.

To Format the On-Board Memory

- 1 Keep pressing the Mode button until it cycles to the "Format mode" indicated by "F".
- 2 Press the Shutter button. You will be prompted with a blinking number of pictures taken "XXX". If you are certain that you want to format the On-Board memory and delete all the pictures from the camera, press the Shutter button.
- 3 If you do not want to format and delete all the pictures from the camera, press the Mode button again which will cancel this operation. (It won't cancel camera in 5 seconds). The blinking number will stop automatically. The camera is not format.

To format the SD memory card

- 1 Ensure that your SD memory card is fully inserted in the camera
- 2 Keep pressing the Mode button until it cycles to the "Format mode" indicated by **F**
- 3 Press the Shutter button. You will be prompted with a blinking number of pictures taken "**000**". If you are certain that you want to format the SD memory card and delete all the pictures from the SD memory card press the Shutter button.
- 4 If you do not want to format and delete the pictures from the SD memory card press the Mode button again which will cancel this operation. Or after approximately 5 seconds the blinking number will stop automatically. (The camera is not format.)

Note: The camera does not allow you to choose specific images to delete. You can only delete the last image taken or all of the images.

● 3.4 Low Light Warning

If you take a picture in a low lighting condition, your camera will give you a low light warning "beep" to prompt you that the lighting condition may be too dark. Try taking the picture where there is more light otherwise your camera will no take picture.

● 3.5 Memory Full Warning

If there is not enough remaining memory to store another picture or video, your camera will give you a memory full warning by beeping and displaying FUL to prompt that the memory is full, and the picture or video cannot be saved. Download your pictures to the computer first and then erase the camera memory to take more pictures or videos.

Software Installation

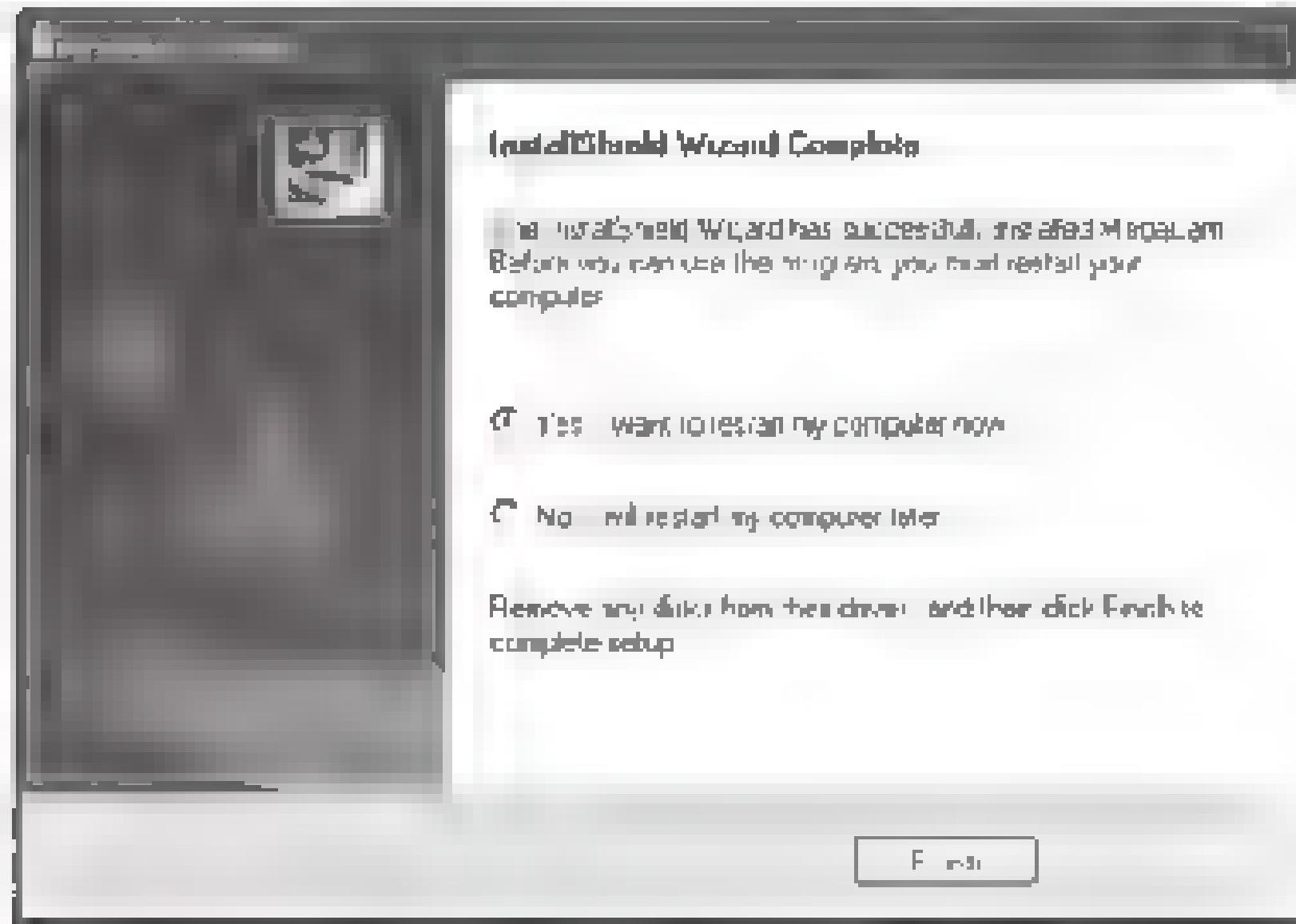
● 4.1 Software Installation

- ① Put the CD into the C:\RIV\Open "DRIVER" file and double click setup file "MegaCam_Driver.exe" the system will set up driver software automatically. When the system pop up below interface.
- ② Click "next" with left button, system cont download, when the system pop up below interface, click "Finish" with left button restart the computer, camera driver software has been set up connect camera and the computer with USB cable then can use it see →

①



②



Connecting the Camera & Downloading Images or Videos

● 5.1 Connecting the Mini Capture

Plug the USB cable into the camera and say an laptop USB port on your computer. Your computer should recognize a new device being named. If the camera is properly detected the camera will say "USB" on the LCD status display.

If your computer does not recognize a new device when the camera is connected, please install driver of the mini camera.

● 5.2 Downloading pictures & videos to your computer

Download pictures & videos with the USB cable

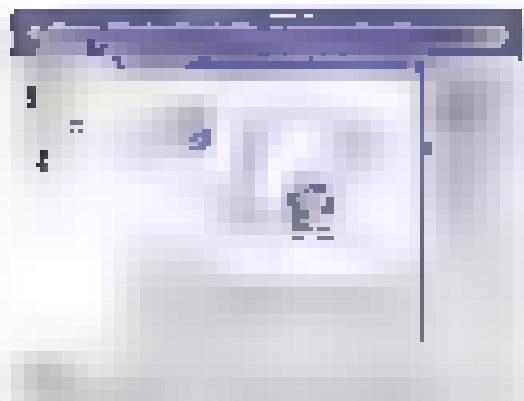
- 1 Make sure your camera is connected and powered on
- 2 Double click on the My Computer icon on your desktop and locate the removable disk
- 3 Copy the images from the camera to a folder on your computer such as My Pictures or the Desktop

Operating Modes of Minicapture

Operating modes
of Minicapture

ArcSoft Software

● 6.1 ArcSoft PhotoImpression 5



ArcSoft PhotoImpression 5 is a complete digital image editing application designed with real people in mind. Easy-to-use "Getting Start" guides, user friendly UI, complete image editing functionality, give users wonderful experience in organizing, viewing, enhancing, cutting, printing and sharing photos.

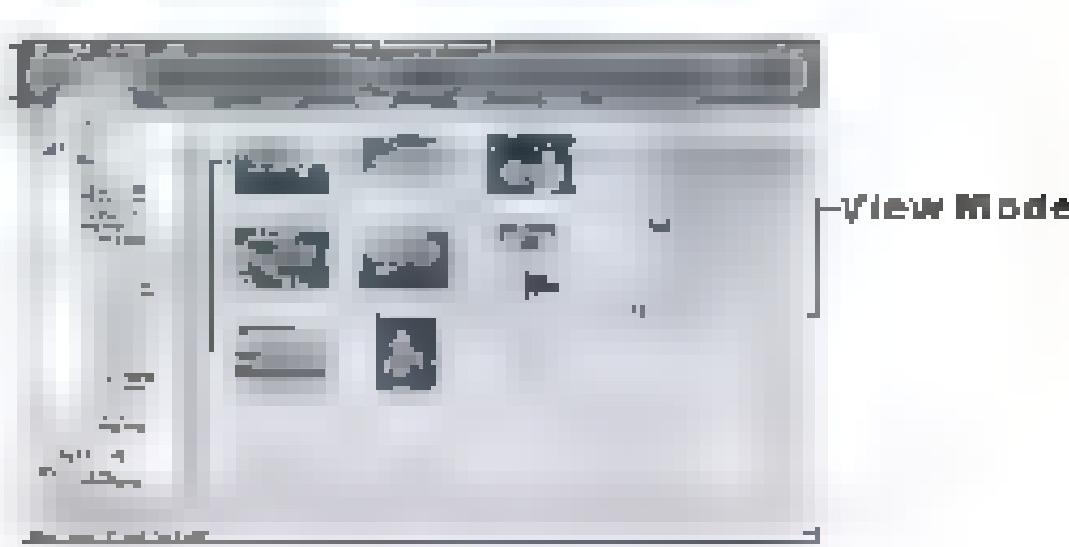
Click Start --> Program --> ArcSoft Software Suite --> "PhotoImpression 5" to launch PhotoImpression 5 or double click PhotoImpression 5 icon on the desktop and you will see a window as the screenshot above.

Select the picture source. For example Click "Folder" for acquiring photos from your computer. Select the file path. You can start editing them.

Operating Manual of Min Capture

Function Menu
Function Tab.
Folder Albums

Browse Page



- 1 **Get Photo** Choose how to view or acquire photos
 - 2 **Enhance** Crop, brighten, resize and modify photos
 - 3 **Create** Add clip art, special effects, frames and more
 - 4 **Project** Make calendars, photo books and greeting cards
 - 5 **Print** Print multiple images per page and save them at one time
 - 6 **Send** Email photos or upload them to online photo sharing accounts
- Note** For more detailed information, please refer to the Help of the program

● 6.2 ArcSoft VideoImpression 2



ArcSoft VideoImpression 2 creates home movies and slide shows by combining existing videos and images, executing scene transitions, and multiple audio tracks. Though simple to use, the program provides intense and broad video editing and export options perfect for owners of digital still cameras, desktop and digital video cameras and camcorders.

Click 'Start'-->'Programs'-->'ArcSoft Software Suite'-->'VideoImpression 2' to launch Video Impression 2 or double click Video Impression 2 icon on the desktop and you will see a window as the screenshot above

Open a Project Let you browse the project files in the VideoImpression system folder By project, we mean a file that contains all of the settings and each individual component on the Storyboard When you save your work as a project you can go back and swap components, add and remove them, alter audio, etc

Operating Manual of Mini Capture

Create a Video Create a new Video project. You can retrieve media materials from the device connected or choose media files from system folder. You can choose video materials from your photo album as well.

Create a Slide Show Create a slide show project. You can retrieve media materials from the device connected or choose media files from system folder. You can choose slide show materials from your photo album as well.

If the box Always show this wizard when VideoCompression starts at the bottom of the wizard is checked, the wizard will appear each time you run the program. If you'd like to skip the wizard the next time, uncheck the box.

Select the item you desire and the picture and videos you need then you will enter the editing interface as below:

You can use the six steps in the Function Menu to create video clips and slide shows.

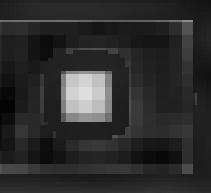
Function Menu
Function Tab
Albums

Browse Panel

Received

Audio Tracks

Video and Still Images



Transitions

+ The Play

The Slideshow

- 1 Media - Select the videos and images that will comprise your final movie or slide show
- 2 Edit - Modify video and image color and adjust the duration of each movie component. Only available for video projects.
- 3 Effects - Add neat special effect transitions between each component or apply a pre-made theme
- 4 Tex - Place animated text on any movie component. Only available for video projects.

Operating Manual of Mini Capture

5. **Narrate** Record audio directly from the program and add it to your movie.
6. **Produce** Combine all components to create your final video, save it in a variety of ways or email it to friends.

The Storyboard The backbone of the creation process it's where you assemble your movie

The Player Preview and modify your movies in this area

Working with Albums Albums let you organize your media for easy access

Note For more detailed information please refer to the Help of the program

Technical Specifications

Sensor

Sensor Resolution , 3 Megapixel (280 x 1024,

Sensor Type, CMOS, 1/3" Optical Format

Shutter Electronic

Lens

Aperture F/2.8

Focus Fixed f=9 mm

Focus Distance 2 feet to infinity

View Angle $\pm 52^{\circ}$ Diagonal

Physical Dimensions and Weight

Dimensions 38mm (H) x 60mm (W) x 70mm (D)

1.5" H x 2.4" W x .74" D,

Weight 8.5g(3 oz , Including Battery)

Still Image Capture

Color Depth 24 bit true color

White Balance Auto

File Format JPEG

Resolution Options 1600x1200 1280x960, 640x480

Compression Ratio 1:6.1

Exposure Control Auto

PC Video Capture

Color Depth 24 bit true color

Exposure Control Auto

White Balance Auto

Resolution Options 320x240

Video Frame Rate 60psw 320x240

Environmental (Ambient)

Operating Temperature 5° to 40° C (23° to 64° F)

Storage Temperature 5° to 40° C (23° to 104° F)

Operating Humidity 15-90% RH

Storage Humidity 15-90% RH

Chapter 8

Troubleshooting



Problem: The pictures are dark or blurry.

Solution: The camera does not have a built-in flash. Make sure to take pictures where there is adequate lighting. Hold the camera steady to prevent the camera from moving when taking a picture. Ensure that the macro/landscape switch on the side of the camera is in the correct position.

Problem: The pictures are lost from the camera when the battery is discharged or low.

Solution: When using only the camera's internal memory, make sure to always have enough battery power since the camera utilizes SDRAM, which is volatile memory. If there is not enough power or the battery is removed for longer than 3 seconds, the pictures will be lost from the camera. Make sure to always download your pictures as soon as possible or replace the battery with a new one after you have downloaded the pictures if the batteries are low.

Problem: The camera doesn't turn on or the battery drains too quickly.

Solution: Make sure that you press and hold the Mode button down for 3 seconds to turn the camera on. Also, make sure that the AAA battery being used is new. The camera utilizes SDRAM, which requires constant power to store the pictures in the camera's internal On-Board memory. When not taking pictures, remove the AAA battery from the camera to prevent the battery from draining. Note that if you remove the battery for more than 3 seconds, the pictures in the camera will be lost.

Problem: The SD memory card is not detected by the camera.

Solution: The SD memory card brand may not be compatible or the SD memory card may be damaged. Make sure that you have inserted the SD memory card completely into the camera and in the proper direction. If this doesn't help, try using a different SD memory card.



Mint Capture